

Patent Application  
Attorney Docket No. PC9576A

each  $R^6$  and  $R^7$  is independently H, hydroxy,  $C_1$ - $C_6$  alkoxy,  $C_1$ - $C_6$  alkyl,  $C_2$ - $C_6$  alkenyl,  $C_2$ - $C_6$  alkynyl,  $-(CH_2)_m(C_6-C_{10}$  aryl), or  $-(CH_2)_m(5-10$  membered heteroaryl), wherein  $m$  is an integer ranging from 0 to 4;

each  $R^8$  is independently H,  $C_1$ - $C_{10}$  alkyl,  $C_2$ - $C_{10}$  alkenyl,  $C_2$ - $C_{10}$  alkynyl,  $-(CH_2)_qCR^{11}R^{12}(CH_2)_rNR^{13}R^{14}$  wherein  $q$  and  $r$  are each independently an integer ranging from 0 to 3 except  $q$  and  $r$  are not both 0,  $-(CH_2)_m(C_6-C_{10}$  aryl), or  $-(CH_2)_m(5-10$  membered heteroaryl), wherein  $m$  is an integer ranging from 0 to 4, and wherein the foregoing  $R^8$  groups, except H, are optionally substituted by 1 to 3  $R^{16}$  groups;

or where  $R^8$  is as  $-CH_2NR^8R^{15}$ ,  $R^{15}$  and  $R^8$  may be taken together to form a 4-10 membered monocyclic or polycyclic saturated ring or a 5-10 membered heteroaryl ring, wherein said saturated and heteroaryl rings optionally include 1 or 2 heteroatoms selected from the group consisting of O, S and  $-N(R^8)$ -, in addition to the nitrogen to which  $R^{15}$  and  $R^8$  are attached, said saturated ring optionally includes 1 or 2 carbon-carbon double or triple bonds, and said saturated and heteroaryl rings are optionally substituted by 1 to 3  $R^{16}$  groups;

each  $R^9$  is independently H or  $C_1$ - $C_6$  alkyl;

each  $R^{11}$ ,  $R^{12}$ ,  $R^{13}$  and  $R^{14}$  is independently selected from the group consisting of H,  $C_1$ - $C_{10}$  alkyl,  $-(CH_2)_m(C_6-C_{10}$  aryl), and  $-(CH_2)_m(5-10$  membered heteroaryl), wherein  $m$  is an integer ranging from 0 to 4, and wherein the foregoing  $R^{11}$ ,  $R^{12}$ ,  $R^{13}$  and  $R^{14}$  groups, except H, are optionally substituted by 1 to 3  $R^{16}$  groups;

or  $R^{11}$  and  $R^{13}$  are taken together to form  $-(CH_2)_p$ - wherein  $p$  is an integer ranging from 0 to 3 such that a 4-7 membered saturated ring is formed that optionally includes 1 or 2 carbon-carbon double or triple bonds;

or  $R^{13}$  and  $R^{14}$  are taken together to form a 4-10 membered monocyclic or polycyclic saturated ring or a 5-10 membered heteroaryl ring, wherein said saturated and heteroaryl rings optionally include 1 or 2 heteroatoms selected from the group consisting of O, S and  $-N(R^8)$ -, in addition to the nitrogen to which  $R^{13}$  and  $R^{14}$  are attached, said saturated ring optionally includes 1 or 2 carbon-carbon double or triple bonds, and said saturated and heteroaryl rings are optionally substituted by 1 to 3  $R^{16}$  groups;

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R<sup>15</sup> is H, C<sub>1</sub>-C<sub>10</sub> alkyl, C<sub>2</sub>-C<sub>10</sub> alkenyl, or C<sub>2</sub>-C<sub>10</sub> alkynyl, wherein the foregoing R<sup>15</sup> groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of halo and -OR<sup>9</sup>;

each R<sup>16</sup> is independently selected from the group consisting of halo, cyano, nitro, trifluoromethyl, azido, -C(O)R<sup>17</sup>, -C(O)OR<sup>17</sup>, -OC(O)OR<sup>17</sup>, -NR<sup>6</sup>C(O)R<sup>7</sup>, -C(O)NR<sup>6</sup>R<sup>7</sup>, -NR<sup>6</sup>R<sup>7</sup>, hydroxy, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>1</sub>-C<sub>6</sub> alkoxy, -(CH<sub>2</sub>)<sub>m</sub>(C<sub>6</sub>-C<sub>10</sub> aryl), and -(CH<sub>2</sub>)<sub>m</sub>(5-10 membered heteroaryl), wherein m is an integer ranging from 0 to 4, and wherein said aryl and heteroaryl substituents are optionally substituted by 1 or 2 substituents independently selected from the group consisting of halo, cyano, nitro, trifluoromethyl, azido, -C(O)R<sup>17</sup>, -C(O)OR<sup>17</sup>, -OC(O)OR<sup>17</sup>, -NR<sup>6</sup>C(O)R<sup>7</sup>, -C(O)NR<sup>6</sup>R<sup>7</sup>, -NR<sup>6</sup>R<sup>7</sup>, hydroxy, C<sub>1</sub>-C<sub>6</sub> alkyl, and C<sub>1</sub>-C<sub>6</sub> alkoxy;

each R<sup>17</sup> is independently selected from the group consisting of H, C<sub>1</sub>-C<sub>10</sub> alkyl, C<sub>2</sub>-C<sub>10</sub> alkenyl, C<sub>2</sub>-C<sub>10</sub> alkynyl, -(CH<sub>2</sub>)<sub>m</sub>(C<sub>6</sub>-C<sub>10</sub> aryl), and -(CH<sub>2</sub>)<sub>m</sub>(5-10 membered heteroaryl), wherein m is an integer ranging from 0 to 4;

with the proviso that R<sup>8</sup> is not H where R<sup>3</sup> is -CH<sub>2</sub>SR<sup>8</sup>.

*Don't*